

Title (en)
FOAMED INJECTION MOULDED ARTICLE

Title (de)
GESCHÄUMTER SPRITZGUSSARTIKEL

Title (fr)
ARTICLE MOULÉ PAR INJECTION EXPANSÉ

Publication
EP 3402836 A1 20181121 (EN)

Application
EP 16785434 A 20161020

Priority
• EP 16150898 A 20160112
• EP 2016075167 W 20161020

Abstract (en)
[origin: WO2017121506A1] The invention is directed to a foamed injection moulded article comprising a foam composition obtained by foaming high density polyethylene having a quotient of melt strength and apparent viscosity > 2 cN/k.Pa.s wherein the melt strength is determined as described in ISO 16790:2005 and the apparent viscosity is determined as described in ISO 11443:2014.

IPC 8 full level
B29C 45/00 (2006.01); **C08J 3/28** (2006.01); **C08J 9/34** (2006.01); **C08L 23/06** (2006.01)

CPC (source: EP US)
C08F 10/02 (2013.01 - US); **C08J 3/28** (2013.01 - US); **C08J 9/0066** (2013.01 - US); **C08J 9/06** (2013.01 - EP US); **C08J 9/12** (2013.01 - EP US); **C08J 9/122** (2013.01 - US); **C08J 9/34** (2013.01 - EP US); **B29B 15/00** (2013.01 - US); **B29C 44/42** (2013.01 - EP US); **B29K 2023/06** (2013.01 - EP US); **B29K 2023/065** (2013.01 - EP US); **B29K 2105/0014** (2013.01 - EP US); **B29K 2105/0094** (2013.01 - EP US); **B29K 2105/046** (2013.01 - EP US); **B29K 2509/00** (2013.01 - US); **B29K 2995/0063** (2013.01 - EP US); **B29K 2995/0082** (2013.01 - EP US); **B29K 2995/0097** (2013.01 - EP US); **B29L 2031/30** (2013.01 - EP US); **B29L 2031/7162** (2013.01 - EP US); **B29L 2031/7178** (2013.01 - EP US); **C08J 2201/026** (2013.01 - EP US); **C08J 2201/03** (2013.01 - EP US); **C08J 2203/06** (2013.01 - US); **C08J 2205/046** (2013.01 - EP US); **C08J 2205/052** (2013.01 - EP US); **C08J 2205/10** (2013.01 - US); **C08J 2207/00** (2013.01 - EP US); **C08J 2323/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2017121506A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017121506 A1 20170720; CN 108463496 A 20180828; CN 108463496 B 20210323; EP 3402836 A1 20181121; EP 3402836 B1 20220420; US 2019023866 A1 20190124; US 2021139663 A1 20210513

DOCDB simple family (application)
EP 2016075167 W 20161020; CN 201680078699 A 20161020; EP 16785434 A 20161020; US 201616068555 A 20161020; US 202117155718 A 20210122